

**ABSTRACT OF THE DISCLOSURE**

A system and method for providing custom engineered products. A customer may select from identified unavailable products, attributes, or variances stored in a memory or may input a desired specification. The processor may then be used to compare the customer selection to available products for alternative suggestions and for advanced material ordering among other uses. The processor may also be used to determine the cost of the resources required to provide the custom engineered product. It is emphasized that this abstract is provided to comply with the rules requiring an abstract which will allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure. It is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims. 37 CFR 1.72(b).